



## CONGRESSIONAL BUDGET OFFICE COST ESTIMATE

May 17, 1999

### **H.R. 1654** **National Aeronautics and Space Administration** **Authorization Act of 1999**

*As ordered reported by the House Committee on Science on May 13, 1999*

#### **SUMMARY**

H.R. 1654 would authorize appropriations for the National Aeronautics and Space Administration (NASA) for fiscal years 2000 through 2002 and establish federal policies related to those activities. The bill also would authorize an additional \$5 million for 2001 for Federal Aviation Administration (FAA) research on aviation systems capacity. Under this bill, NASA would be directed to prepare several reports, including studies regarding the space station, the space shuttle, remote sensing data, and civil aviation. Some of those reports would have to be prepared in consultation with the FAA, the U.S. Department of Agriculture, and the Department of Education. Other provisions would impose conditions on NASA's expenditures and procurement practices.

Assuming appropriation of the authorized amounts, CBO estimates that implementing H.R. 1654 would result in discretionary spending totaling \$41 billion over the 2000-2004 period. The legislation would not affect direct spending or receipts; therefore, pay-as-you-go procedures would not apply. H.R. 1654 contains no intergovernmental or private-sector mandates as defined in the Unfunded Mandates Reform Act (UMRA) and would impose no costs on state, local, or tribal governments.

#### **ESTIMATED COST TO THE FEDERAL GOVERNMENT**

The estimated budgetary impact of H.R. 1654 is shown in the following table. For the purposes of this estimate, CBO assumes that the amounts authorized in the bill will be appropriated by the start of each fiscal year and that outlays will follow the historical spending patterns for these activities. CBO estimates that the costs incurred by other agencies to participate in certain studies would not be significant. The costs of this legislation fall within budget functions 250 (general science, space, and technology) and 400 (transportation).

	By Fiscal Year, in Millions of Dollars					
	1999	2000	2001	2002	2003	2004
<b>SPENDING SUBJECT TO APPROPRIATION</b>						
Spending by NASA Under Current Law						
Budget Authority <sup>a</sup>	13,665	0	0	0	0	0
Estimated Outlays	13,670	5,195	718	285	0	0
Proposed Changes						
Authorization Level <sup>b</sup>	0	13,626	13,752	13,839	0	0
Estimated Outlays	0	8,480	13,004	13,558	5,250	697
Spending Under H.R. 1654						
Authorization Level <sup>a, b</sup>	13,665	13,626	13,752	13,839	0	0
Estimated Outlays	13,670	13,675	13,722	13,843	5,250	697

a. The 1999 level is the amount appropriated for NASA for that year.

b. The authorization level proposed for 2001 includes \$5 million for aviation capacity research at the FAA.

**PAY-AS-YOU-GO CONSIDERATIONS:** None.

### **ESTIMATED IMPACT ON STATE, LOCAL, AND TRIBAL GOVERNMENTS**

H.R. 1654 contains no intergovernmental mandates as defined in UMRA and would impose no costs on state, local, or tribal governments. Some of the money authorized by the bill would be used for research and development at academic institutions, including public colleges and universities.

### **ESTIMATED IMPACT ON THE PRIVATE SECTOR**

This bill would impose no new private-sector mandates as defined in UMRA.

**ESTIMATE PREPARED BY:**

Federal Costs: Kathleen Gramp

Impact on State, Local, and Tribal Governments: Lisa Cash Driskill

**ESTIMATE APPROVED BY:**

Robert A. Sunshine

Deputy Assistant Director for Budget Analysis